



POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION
VI

SITE NUMBER (to be assigned by HQ)

ALMD 981916448

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME
Transwestern - Corona Compressor Station

B. STREET (or other identifier) Eastside of Pumping Station
Road 13.7 mi. south of intersection with NM 4

C. CITY
Corona

D. STATE
NM

E. ZIP CODE
88318

F. COUNTY NAME
Lincoln

G. OWNER/OPERATOR (if known)

1. NAME
Transwestern Pipeline Company

2. TELEPHONE NUMBER
(505) 864-7461

H. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE ☐ 6. UNKNOWN

I. SITE DESCRIPTION The site is a compressor station serving a 30-inch diameter natural gas pipeline. Lubricating oil containing PCB's was used in a turbine compressor.

J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.)
U.S. Environmental Protection Agency Region 6

K. DATE IDENTIFIED
(mo., day, & yr.)
April 8, 1987

L. PRINCIPAL STATE CONTACT

1. NAME
Steven J. Cary NMEID

2. TELEPHONE NUMBER
(505) 827-2898

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☒ 2. MEDIUM ☐ 3. LOW ☐ 4. NONE ☐ 5. UNKNOWN

B. RECOMMENDATION

☐ 1. NO ACTION NEEDED (no hazard)

☐ 2. IMMEDIATE SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR: _____
b. WILL BE PERFORMED BY: _____

☐ 3. SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR: _____
b. WILL BE PERFORMED BY: _____

☒ 4. SITE INSPECTION NEEDED (low priority)

C. PREPARER INFORMATION

1. NAME
Paul A. Karas NMEID

2. TELEPHONE NUMBER
(505) 827-0596

3. DATE (mo., day, & yr.)
May 11, 1987

III. SITE INFORMATION

A. SITE STATUS

☒ 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)

☐ 2. INACTIVE (Those sites which are not being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)

90067791



Such incidents like "midnight dumping" where use of the site for waste treatment, storage, or disposal has occurred

FILE

B. IS GENERATOR ON SITE?

☐ 1. NO ☒ 2. YES (specify generator's four-digit SIC Code): 4923

FEB 28 1992

REORGANIZED

C. AREA OF SITE (in acres)

38.2 acres

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES

1. LATITUDE (deg.-min.-sec.)

33 - 55 - 08 N

2. LONGITUDE (deg.-min.-sec.)

105 - 19 - 30 W

E. ARE THERE BUILDINGS ON THE SITE?

☐ 1. NO ☒ 2. YES (specify):

Compressor buildings, offices, radio communications bldg, maintenance bldg and approx. 5 residences.

IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

A. TRANSPORTER	B. STORER	C. TREATER	D. DISPOSER
<input checked="" type="checkbox"/> 1. RAIL	<input type="checkbox"/> 1. PILE	<input type="checkbox"/> 1. FILTRATION	<input type="checkbox"/> 1. LANDFILL
<input type="checkbox"/> 2. SHIP	<input type="checkbox"/> 2. SURFACE IMPOUNDMENT	<input type="checkbox"/> 2. INCINERATION	<input type="checkbox"/> 2. LANDFARM
<input type="checkbox"/> 3. BARGE	<input type="checkbox"/> 3. DRUMS	<input type="checkbox"/> 3. VOLUME REDUCTION	<input type="checkbox"/> 3. OPEN DUMP
<input type="checkbox"/> 4. TRUCK	<input type="checkbox"/> 4. TANK, ABOVE GROUND	<input type="checkbox"/> 4. RECYCLING/RECOVERY	<input checked="" type="checkbox"/> 4. SURFACE IMPOUNDMENT
<input checked="" type="checkbox"/> 5. PIPELINE	<input type="checkbox"/> 5. TANK, BELOW GROUND	<input type="checkbox"/> 5. CHEM./PHYS. TREATMENT	<input type="checkbox"/> 5. MIDNIGHT DUMPING
<input type="checkbox"/> 6. OTHER (specify):	<input type="checkbox"/> 6. OTHER (specify):	<input type="checkbox"/> 6. BIOLOGICAL TREATMENT	<input type="checkbox"/> 6. INCINERATION
		<input type="checkbox"/> 7. WASTE OIL REPROCESSING	<input type="checkbox"/> 7. UNDERGROUND INJECTION
		<input type="checkbox"/> 8. SOLVENT RECOVERY	<input type="checkbox"/> 8. OTHER (specify):
		<input type="checkbox"/> 9. OTHER (specify):	

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED A lubricating oil containing PCB's was used in a gas turbine compressor on-site between 7/68 - 12/72. Pipeline fluids and engine room washwater were placed in three unlined impoundments on-site. Other PCB-contaminated areas include a landfill and the area surrounding the turbine.

V. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. UNKNOWN ☒ 2. LIQUID ☐ 3. SOLID ☒ 4. SLUDGE ☐ 5. GAS

B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN ☐ 2. CORROSIVE ☐ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5. HIGHLY VOLATILE
☒ 6. TOXIC ☐ 7. REACTIVE ☐ 8. INERT ☐ 9. FLAMMABLE

☐ 10. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Inventories and shipping manifests for PCB contaminated wastes have been kept since Oct, 1984. Some earlier records are available

2. Estimate the amount(specify unit of measure)of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT Unkown	AMOUNT Unkown	AMOUNT ----	AMOUNT Unkown	AMOUNT ----	AMOUNT Unkown
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) FLYASH	<input checked="" type="checkbox"/> (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER(specify):	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER(specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
<input checked="" type="checkbox"/> (5) OTHER(specify): Oily sludge from engine room wash-down.			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	<input checked="" type="checkbox"/> (5) OTHER(specify): Domestic and site trash.
			(6) CYANIDE	(6) OTHER(specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER(specify):		

V. WASTE RELATED INFORMATION (continued)
 CONCERN WHICH MAY BE ON THE SITE (place in increasing order of hazard).

2. LIST SUBSTANCES OF GREAT

PCB's,
Methyl Chloroform,
other solvents.

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

See Attached sheets.

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH	X			Workers and families are exposed to PCB contaminated soils.
3. NON-WORKER INJURY/EXPOSURE	X			Families of workers live on site.
4. WORKER INJURY	----			
5. CONTAMINATION OF WATER SUPPLY	----			
6. CONTAMINATION OF FOOD CHAIN	X			Contamination has spread off site into livestock grazing areas.
7. CONTAMINATION OF GROUND WATER	----			
8. CONTAMINATION OF SURFACE WATER		X	Prior to 10/85	PCB's have been detected in stream sections 1500 ft. from the site.
9. DAMAGE TO FLORA/FAUNA	----			
10. FISH KILL	----			
11. CONTAMINATION OF AIR	X			Wind blown dust from PCB contaminated soils.
12. NOTICEABLE ODORS	----			
13. CONTAMINATION OF SOIL		X	Prior to 10/85	Soil samples analyzed by Transwestern contained 0.020 to 70,000ppm PCB.
14. PROPERTY DAMAGE	----			
15. FIRE OR EXPLOSION	----			
16. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUIDS		X	At present	Run-off from contaminated area exits site.
17. SEWER, STORM DRAIN PROBLEMS	----			
18. EROSION PROBLEMS		X		Contaminated area is disturbed and has a gradient of 0.05.
19. INADEQUATE SECURITY		X		Contaminated areas are within site fence but accessible to workers and families.
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING	----			
22. OTHER (specify):	----			

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS

HELD BY THE SITE.

None

- ☐ 1. NPDES PERMIT ☐ 2. SPCC PLAN ☐ 3. STATE PERMIT (specify): _____
☐ 4. AIR PERMITS ☐ 5. LOCAL PERMIT ☐ 6. RCRA TRANSPORTER
☐ 7. RCRA STORER ☐ 8. RCRA TREATER ☐ 9. RCRA DISPOSER
☐ 10. OTHER (specify): _____

B. IN COMPLIANCE?

- ☐ 1. YES ☐ 2. NO ☐ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number): _____

VIII. PAST REGULATORY ACTIONS

- ☒ A. NONE ☐ B. YES (summarize below)

IX. INSPECTION ACTIVITY (past or on-going)

- ☐ A. NONE ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Initial Inspection/Eval.	4/85	Operator	Evaluated general site conditions and potential PCB contamination at site.
Soil Sampling Program	10/85	Operator	Sampled soils in and around areas of suspected PCB contamination.

X. REMEDIAL ACTIVITY (past or on-going)

- ☐ A. NONE ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
See Attached Sheet.			

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.

Transwestern-Corona Compressor Station

V. Waste Related Information

C. Waste Categories:

4. Additional comments and Narrative Description.

Results of a PCB Assessment conducted by the site operator's consultant (Woodward-Clyde Consultants, 1987) demonstrate wide-spread soil contamination by PCBs on-site and, to a lesser extent, offsite. Maps included in this report indicated surface soil contamination of greater than 25 parts per million (ppm) PCB over an area of more than four acres onsite and two acres offsite. Stream sediments 800 feet from the site contained PCBs at 216 ppm. Soil samples collected from borings demonstrated PCB contamination to a depth of at least 14 feet along the east property line. Similar borings at the existing site landfill indicated PCBs are present at concentrations greater than 300 ppm. The consultants reports estimated a volume of 23,000 cubic yards of soil with greater than 25 ppm PCBs.

During NMEID's date visit it was noted that a 20ft x 120ft contaminated area had been fenced to limit access. Other contaminated areas were posted with "Warning-PCBs" signs, approximately six inches square in size, but were not fenced. Access to these areas by families living onsite may be a concern. Offsite contamination is not posted or fenced. This property is owned by the State of New Mexico and is leased for grazing.

X. Remedial Activity

In 1983 Texas Eastern Pipeline Company, the previous property owners, undertook a limited remedial action at this site. The three impoundments were removed and, along with 300 to 350 truckloads of contaminated soil, shipped to an offsite landfill. The area was reportedly excavated to bedrock. This operation may have inadvertently resulted in spreading lower level surface contamination. Several sites in this area have residual contamination greater than 1,000 ppm PCBs.

Diversion trenches have been installed to prevent surface water from entering the contaminated areas. Runoff from these sites resulting from direct precipitation exits the site unrestricted. A settling pond constructed below a highly contaminated area was breached during a high rainfall event and was later defeated by installation of a culvert through the pond wall. Runoff from this site now flows directly to a contaminated arroyo.

REFERENCE

Woodward-Clyde Consultants, 1987 Polychlorinated Biphenyl Assessment, Transwestern Pipeline Company Facilities in U.S. Environmental Protection Agency New Mexico Region 6; Walnut-Creek, California.